



# FEMA



Prepared by  
*Brian Hoeth*  
*David Sánchez*

# FEMA Region 6 Weather Threat Briefing

Tuesday, April 9, 2019

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).

# Summary of the Upcoming Week



**SR ROC**  
REGIONAL OPERATIONS CENTER

## Today - Thursday

- **Elevated to critical fire weather conditions expected over NM, W TX and the TX/OK Panhandles today.**
- **Extremely critical fire weather conditions and strong winds expected across much of NM and W TX Wednesday.**
- **Critical fire weather conditions continue across S NM into far W TX on Thursday.**

## Friday

- **No significant weather impacts expected.**

## Saturday

- **Severe thunderstorms possible across E TX/LA.**
- **Heavy rainfall/isolated flash flooding possible across LA.**

## River Flooding

- **Moderate to Major river flooding will continue on the Mississippi River in E/SE LA.**
  - **Impacts to shipping and industrial activities on the river, numerous flooded roadways near the river.**
  - **Current forecasts show levels will continue to fall into next week. However, current forecasts do not account for any additional rainfall beyond 24 hours or any flooding from the upstream portions of the MS River.**
- **The Navasota River in E-Central TX is expected to rise in the next few days due to recent rainfall; State Highway 21 may become cut off, lowland flooding may occur, as well as agricultural impacts.**

# FEMA Region 6 Threat Matrix

Apr 9, 2019 – Apr 13, 2019



**SR ROC**  
REGIONAL OPERATIONS CENTER

DAY / THREAT	TUE	WED	THU	FRI	SAT
Severe Storms					ETX/LA
Heavy Rain / Flash Flooding					LA
Winter Weather					
Fire Weather	NM/W TX/TX & OK Panhandles	NM/W TX	S NM/W TX		
Strong Winds		NM/W TX/OK			
River Flooding	E/SE LA	E/SE LA	E/SE LA	E/SE LA	E/SE LA
	E-Cntrl TX	E-Cntrl TX			

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria.  
State or local threat level criteria may differ.\*  
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

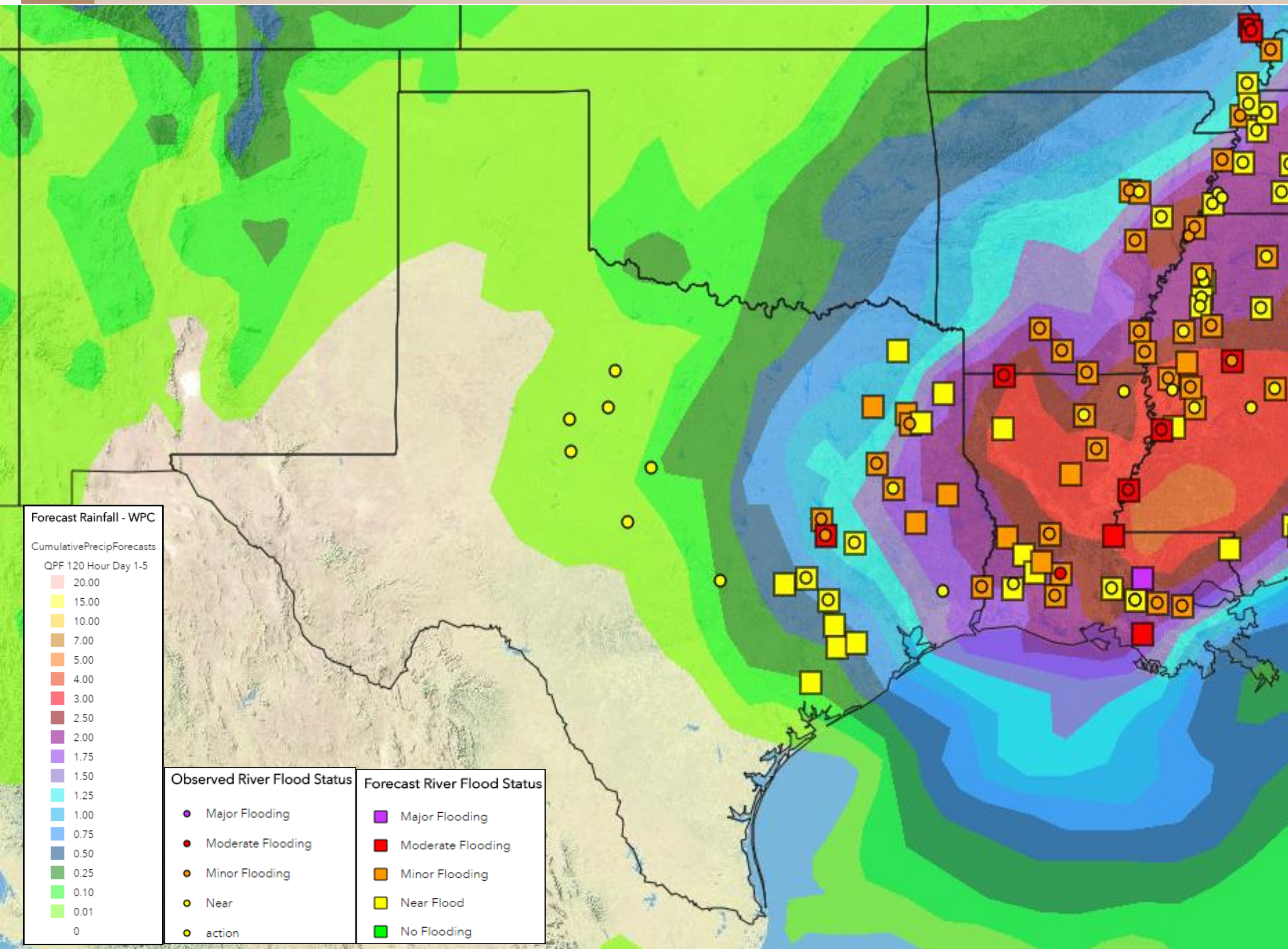


# 5-Day Precipitation Forecast & River Flood Status



**SR ROC**  
REGIONAL OPERATIONS CENTER

*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



**Moderate to Major river flooding will continue on the Mississippi River in E/SE LA.**

- **MS River at Baton Rouge is at Major flood. Current forecasts have levels dropping into Moderate flood next week. Shipping and industrial activities are significantly affected.**
- **Several other points remain at moderate flood.**
- **The Bonnet Carre Spillway is operating to reduce flow and maintain just under a 17.0ft stage at New Orleans. It will remain open for a couple of more weeks. No impacts are noted.**
- **Heavy rain over most of LA on days 4 & 5 has the potential to cause additional flooding.**

**Minor river flooding will continue for much of this week on the MS River in E AR.**

**Note: Current forecasts do not account for any additional rainfall beyond 24 hours or any additional flooding from the upstream portions of the Mississippi River.**

**The Navasota River in E-Central TX is expected to rise in the next few days due to recent rainfall; State Highway 21 may become cut off, lowland flooding may occur, as well as agricultural impacts.**



# Today's Weather

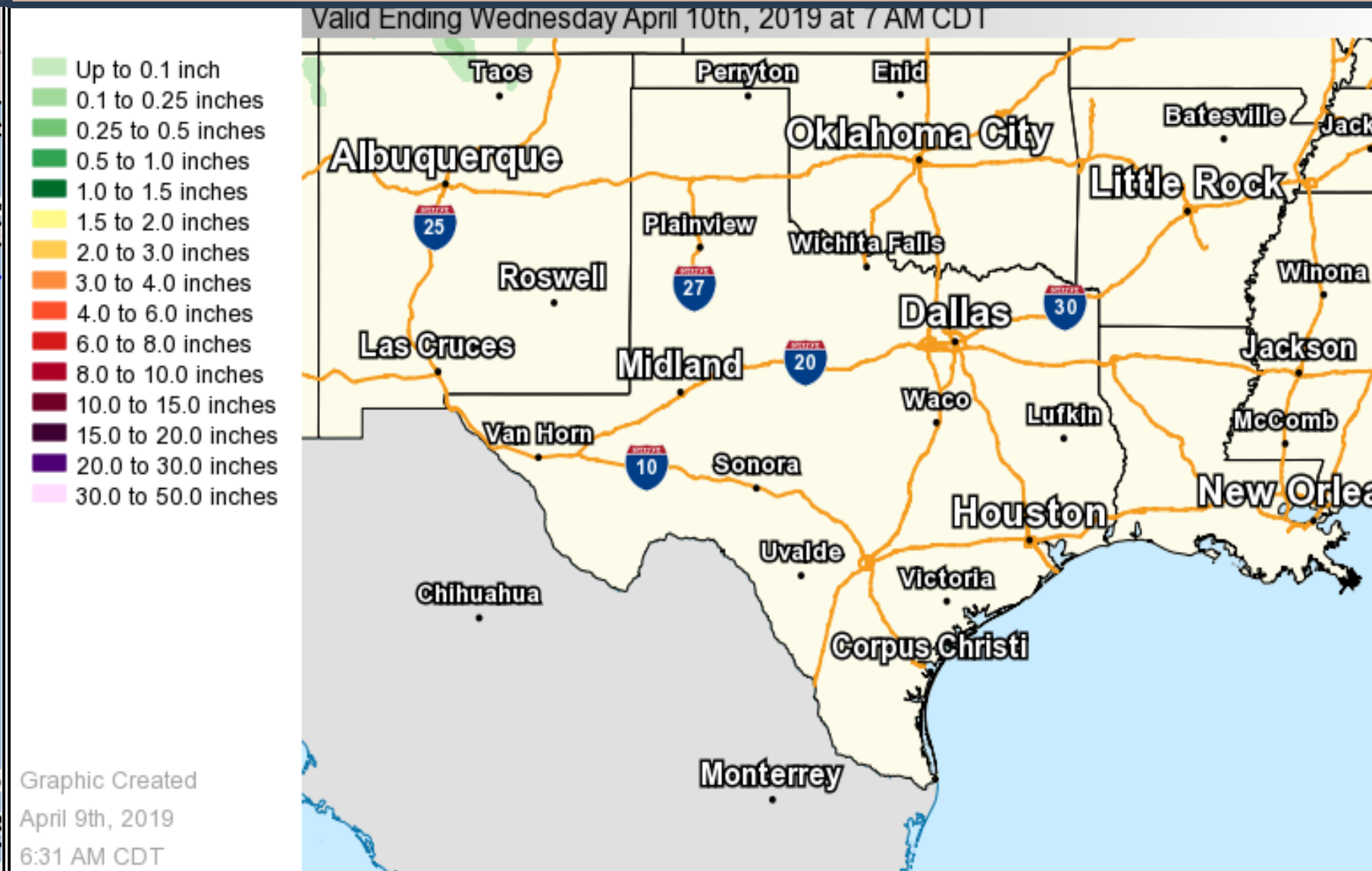
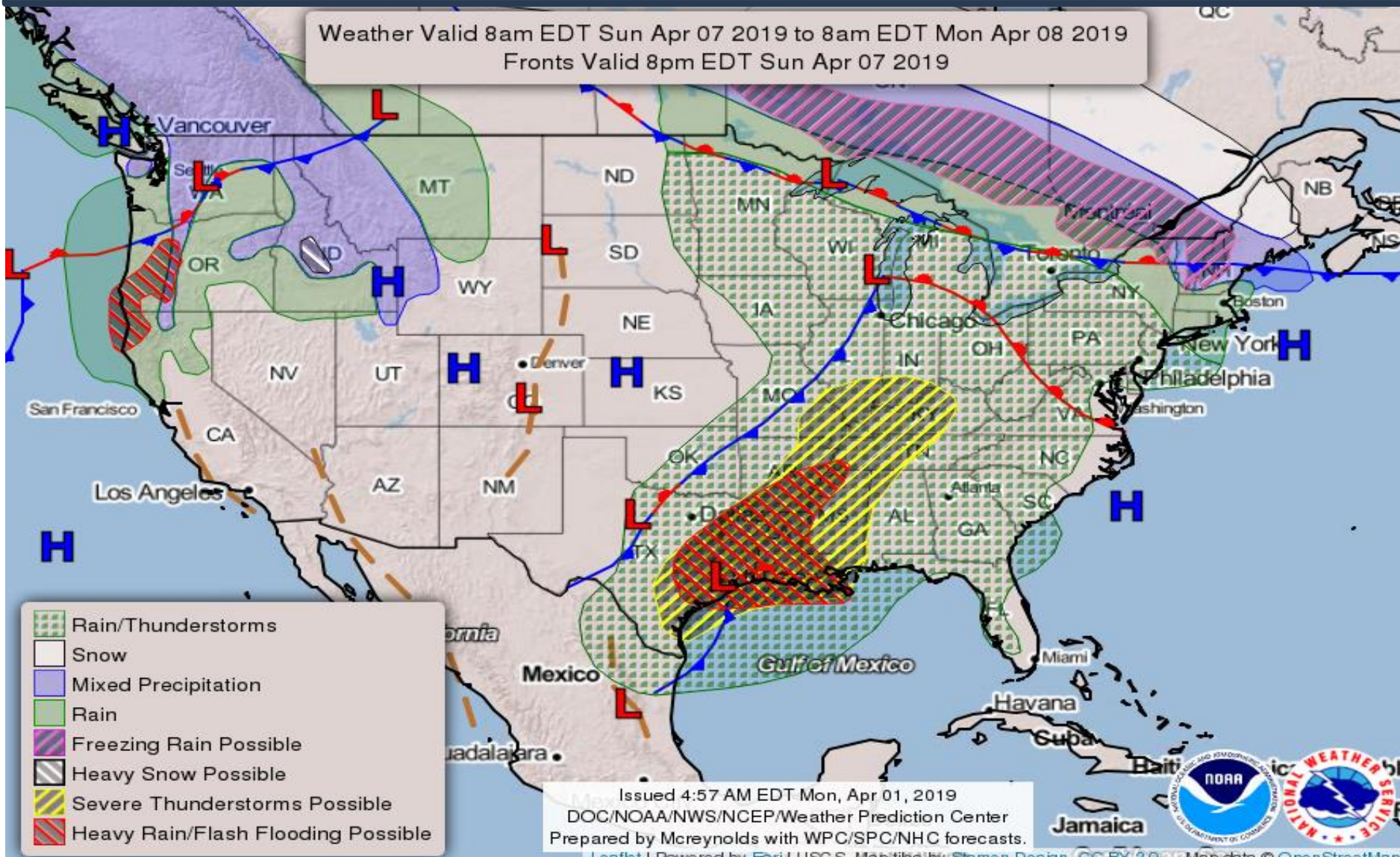


**SR ROC**  
REGIONAL OPERATIONS CENTER

## Forecast Chart

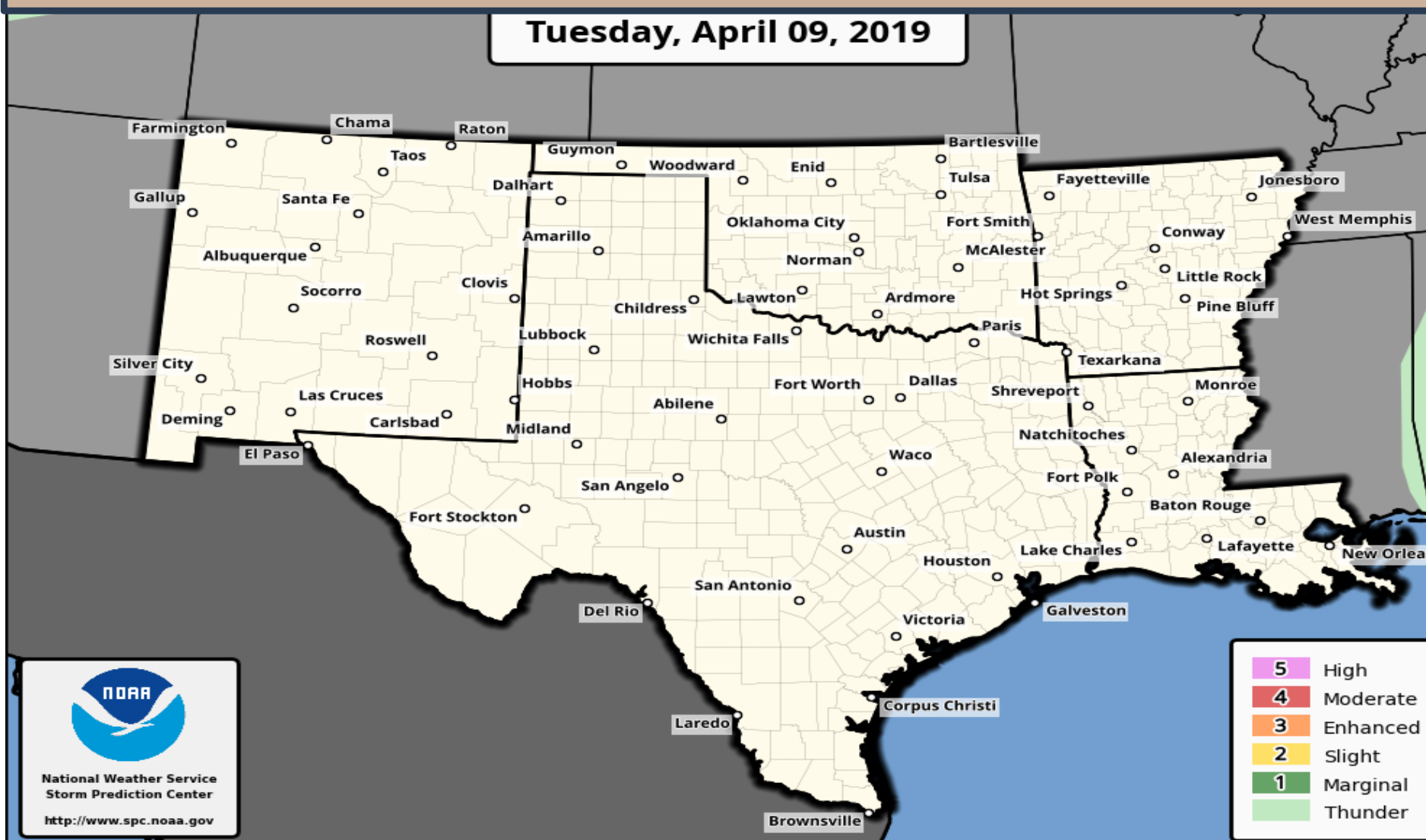
## Forecast Rainfall

**No significant weather impacts expected.**



## Severe Weather Outlook

## Excessive Rainfall Outlook



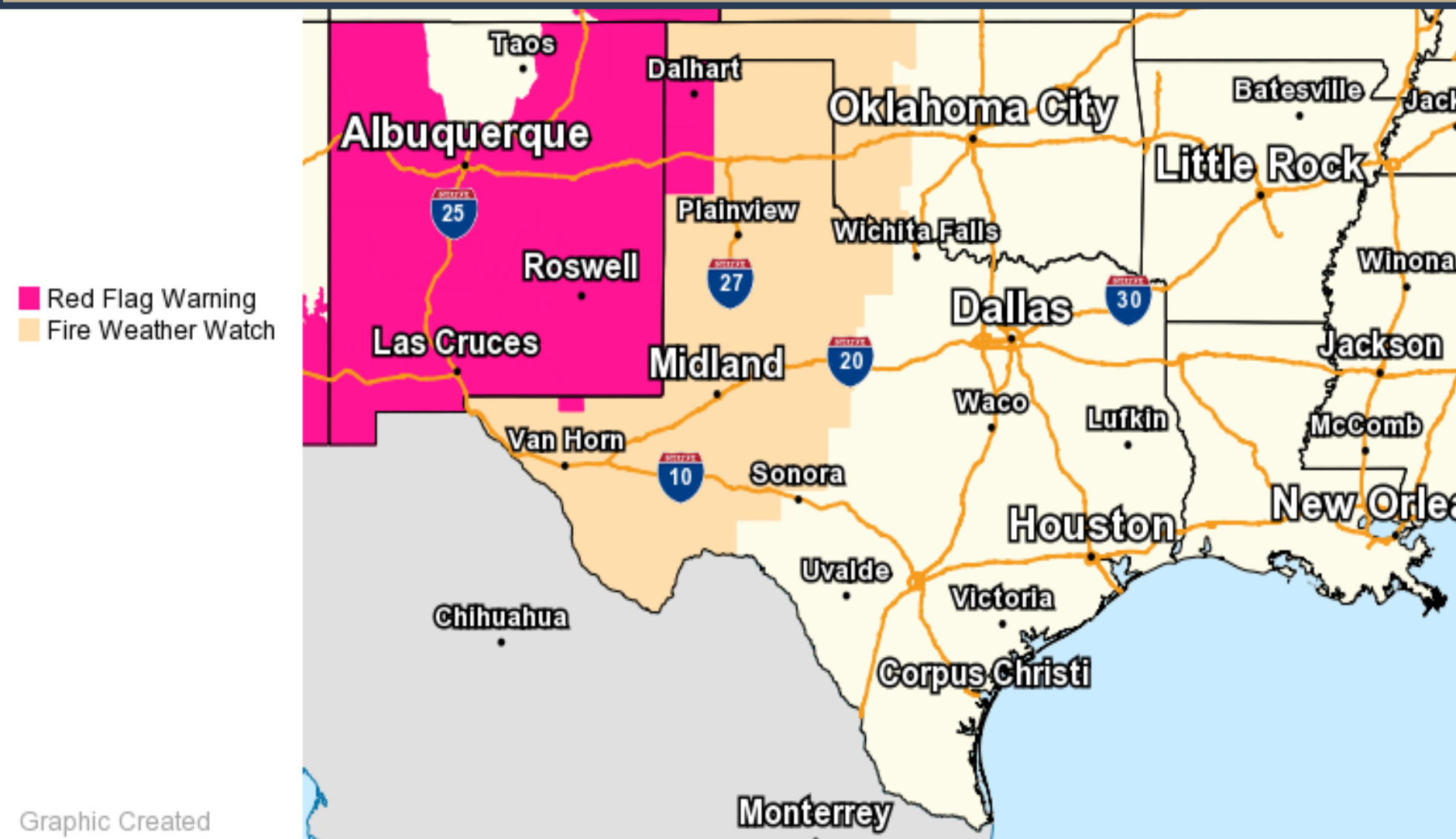


# Watches, Warnings, and Advisories



**SR ROC**  
REGIONAL OPERATIONS CENTER

## Fire Weather



## Severe Weather & Flooding

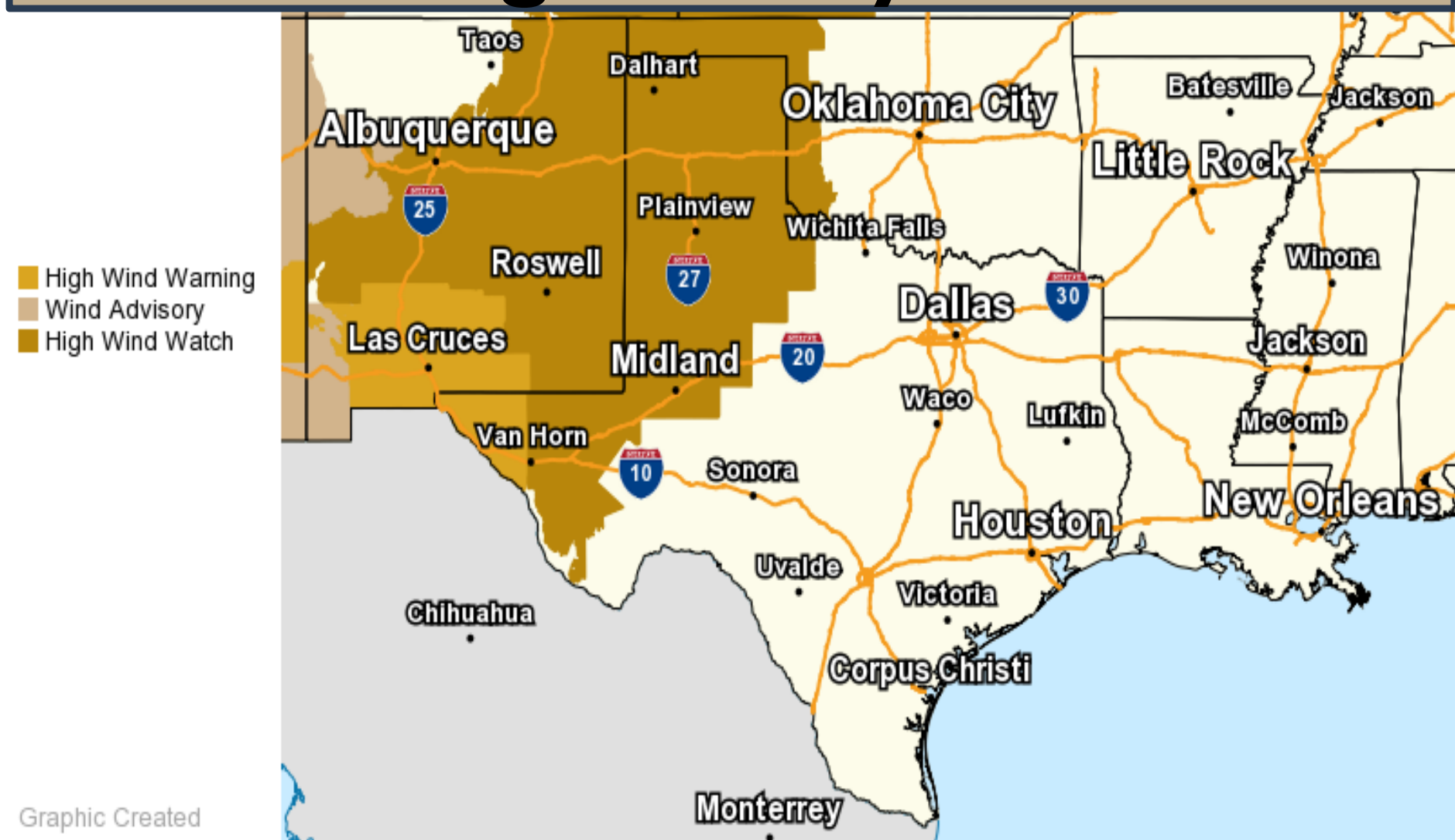


**Red Flag Warnings and Fire Weather Watches in effect for Wednesday across NM, W TX into W OK.**

**Red Flag Warnings across most of NM today.**

**High Wind Watches in effect for Wednesday across NM and W TX.**

## Strong & Gusty Winds



## Winter Weather





# Tomorrow's Weather

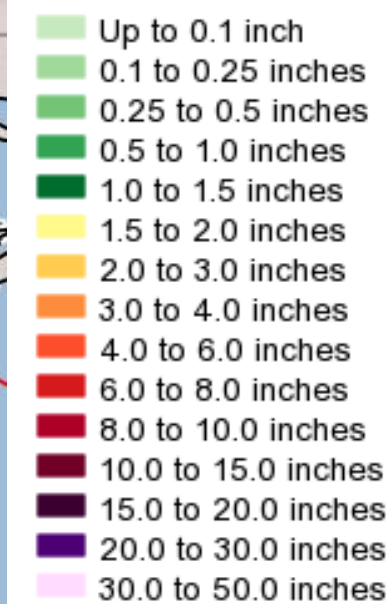
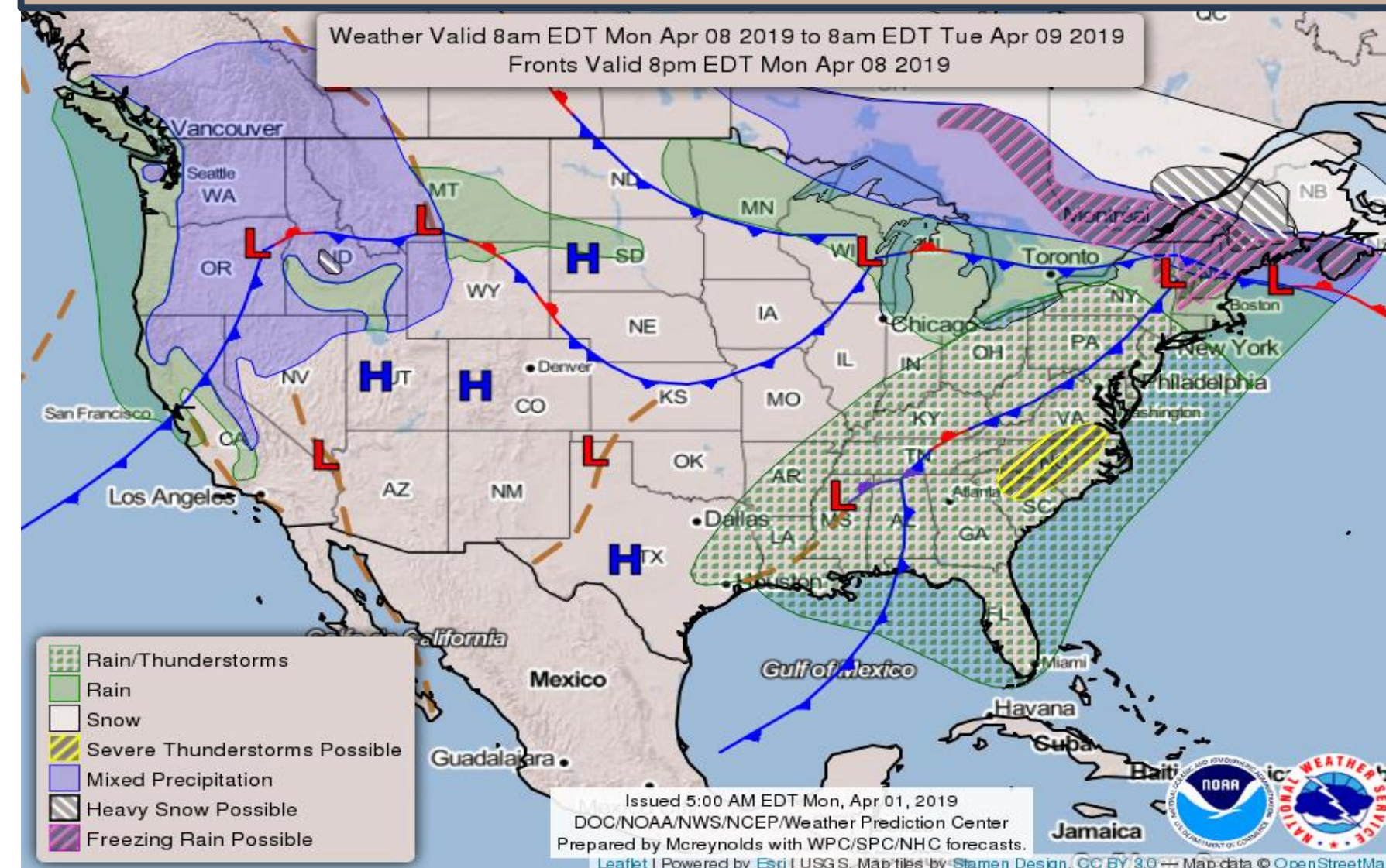


SR ROC  
REGIONAL OPERATIONS CENTER

## Forecast Chart

## Forecast Rainfall

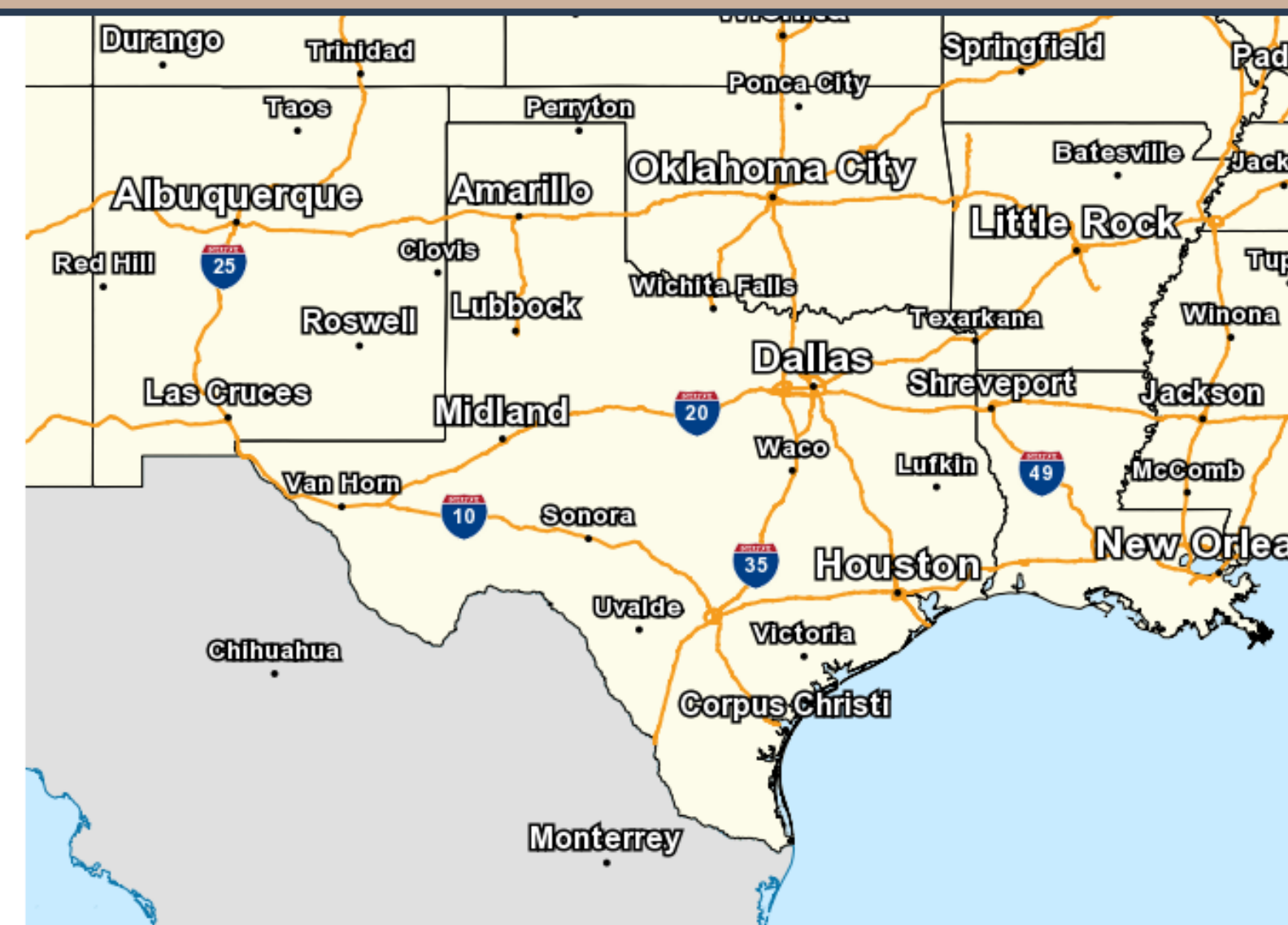
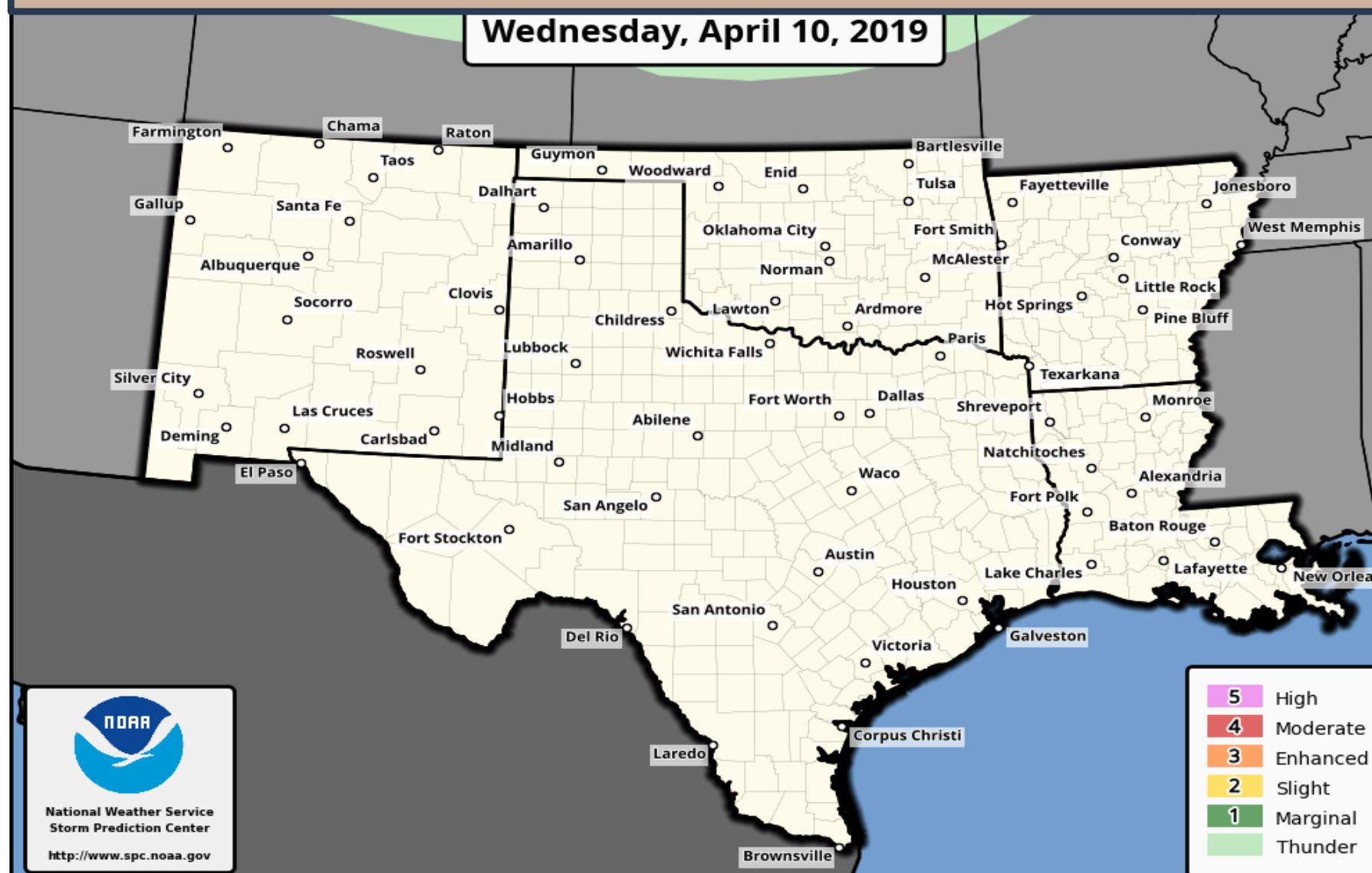
**Strong winds expected across  
NM/W TX/OK.**



Graphic Created  
April 9th, 2019  
6:33 AM CDT

## Severe Weather Outlook

## Excessive Rainfall Outlook



Graphic Created  
April 9th, 2019  
6:33 AM CDT

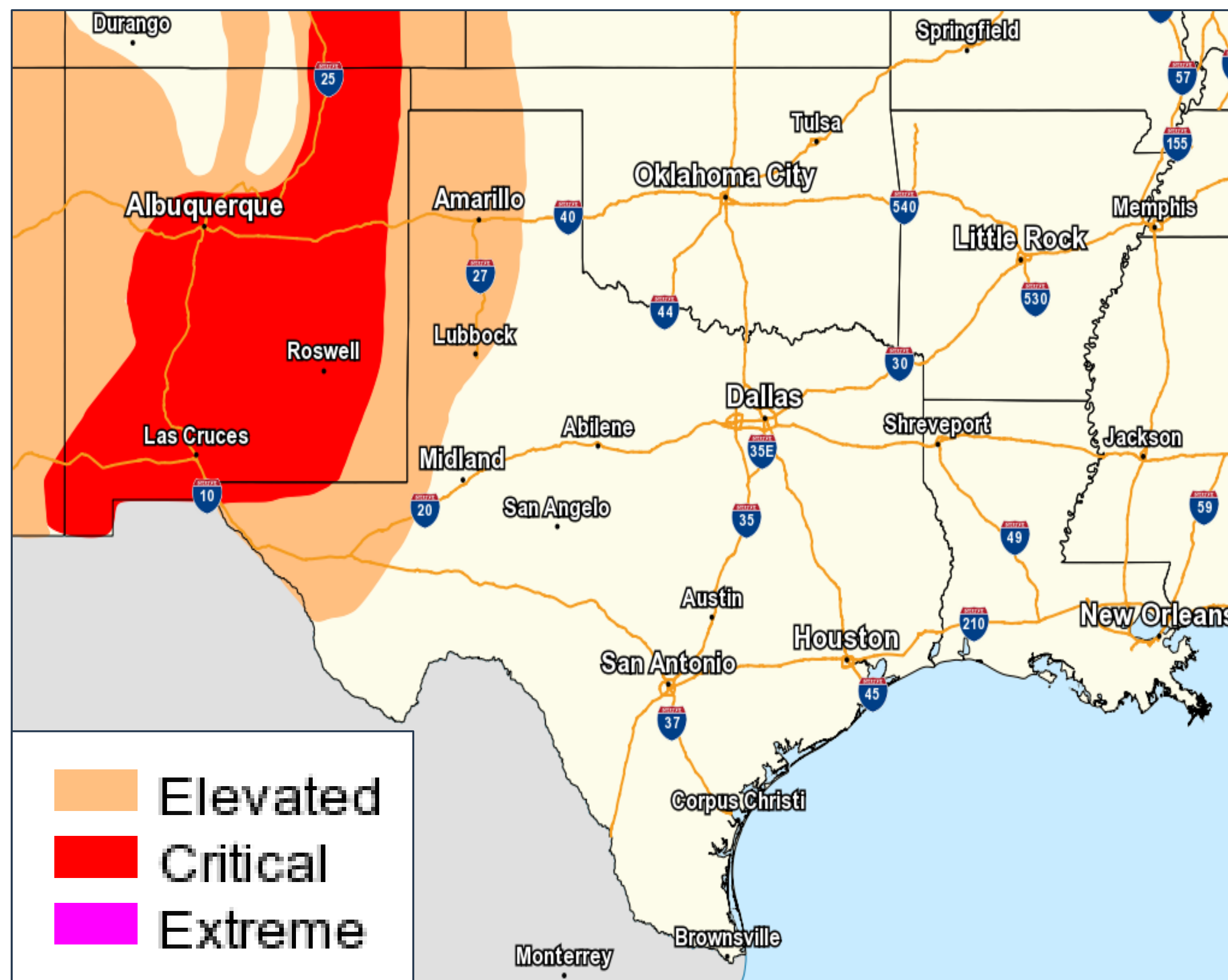


# Fire Weather Outlooks

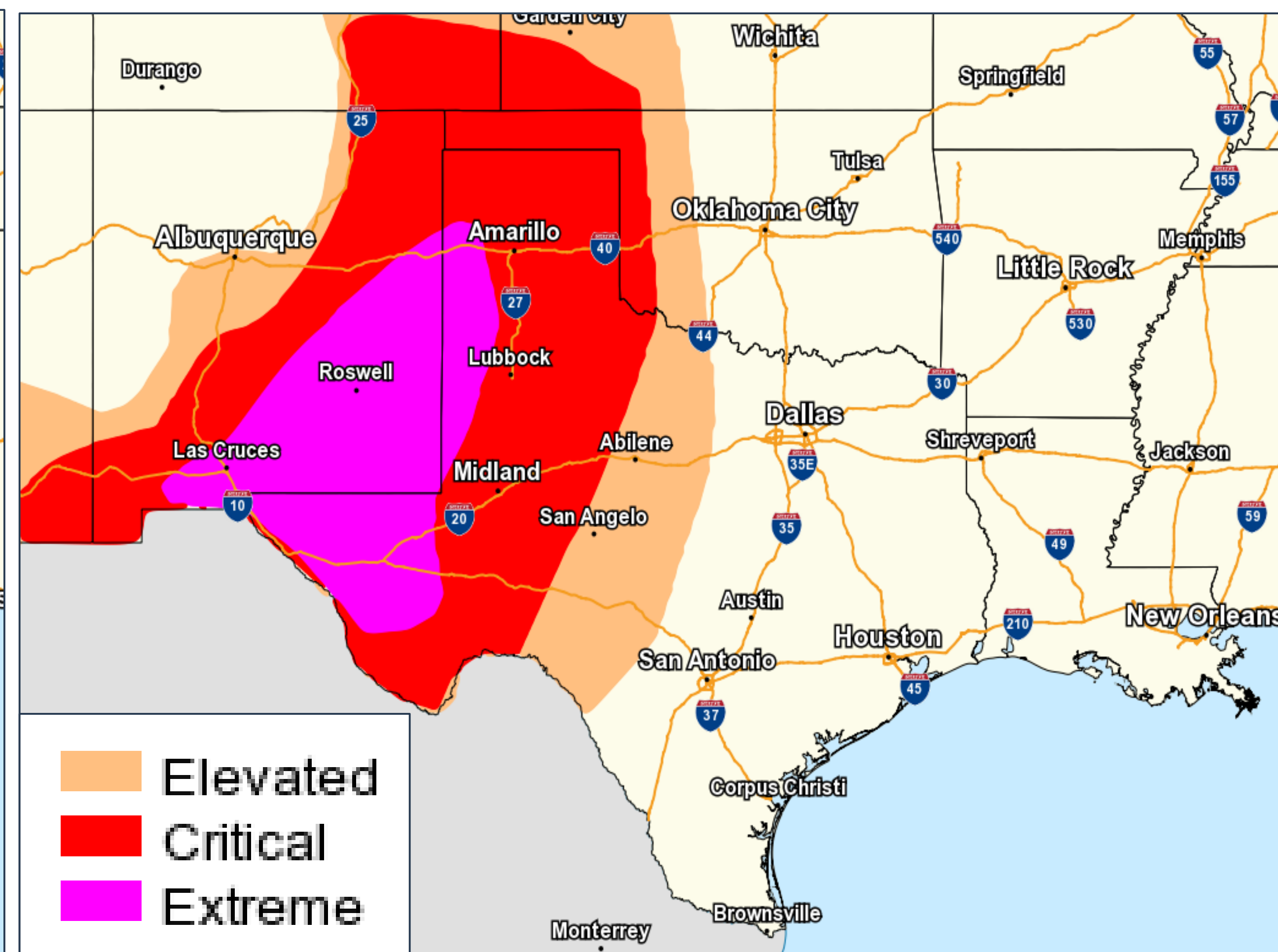


SR ROC  
REGIONAL OPERATIONS CENTER

## Today's Fire Weather Outlook



## Tomorrow's Fire Weather Outlook





# Thursday's Weather

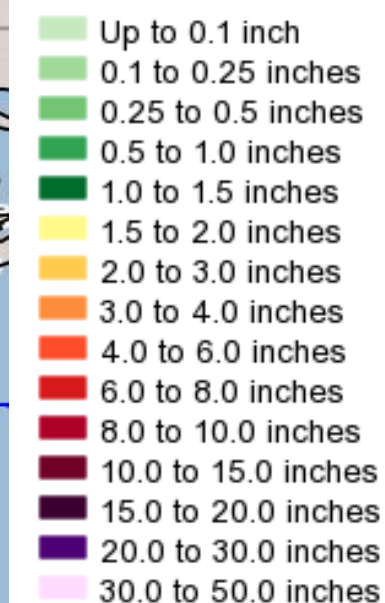
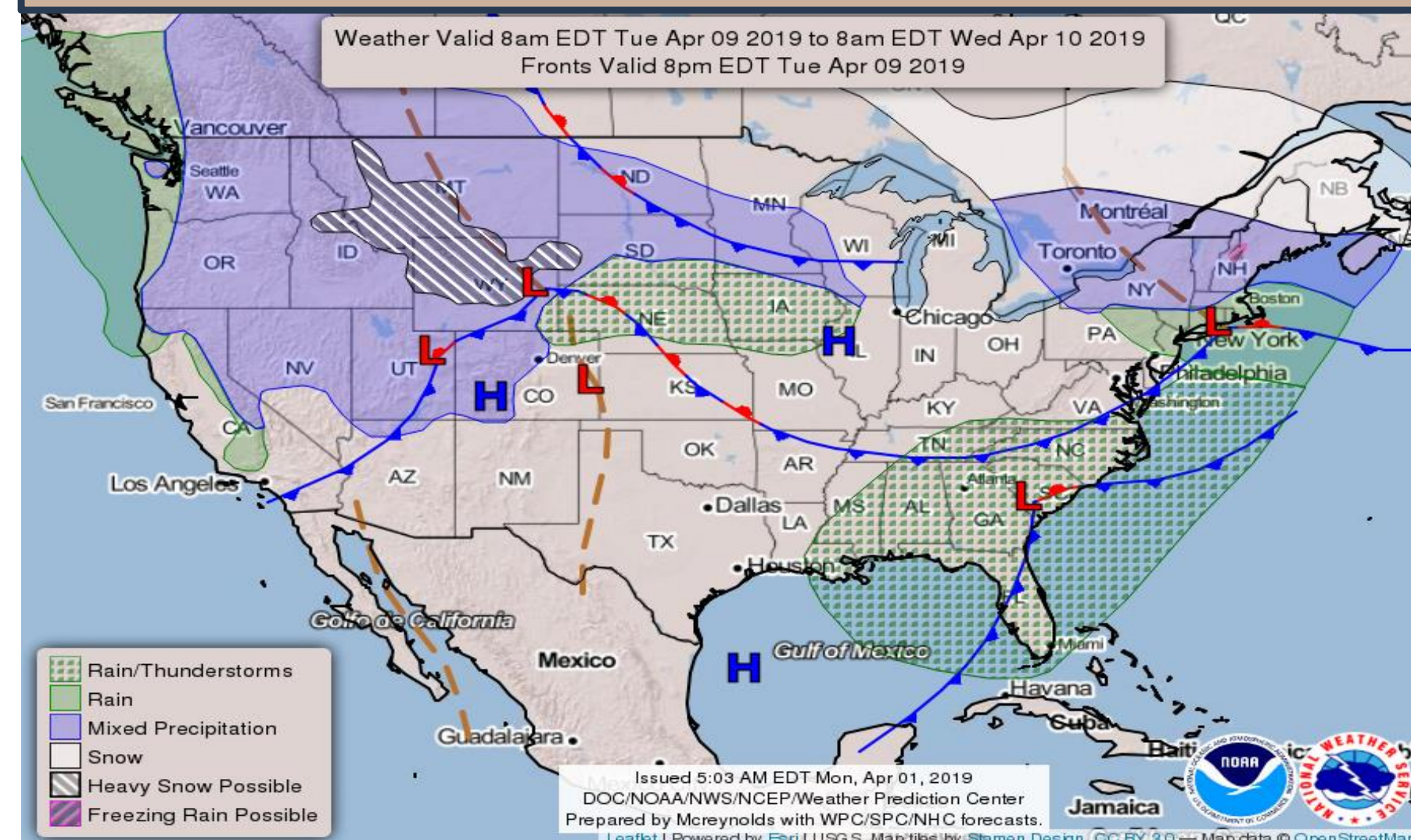


SR ROC  
REGIONAL OPERATIONS CENTER

## Forecast Chart

## Forecast Rainfall

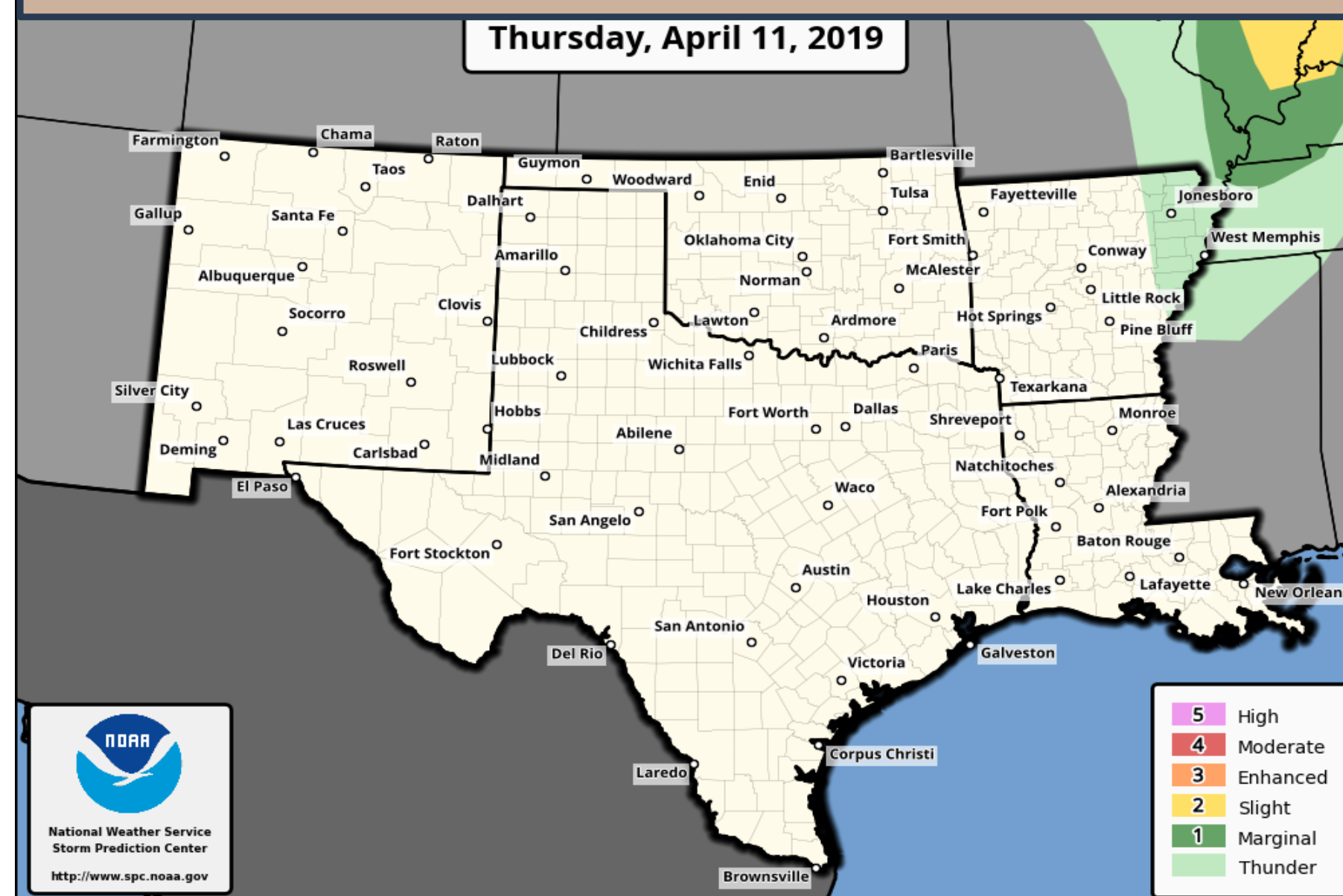
No significant weather impacts expected.



Graphic Created  
April 9th, 2019

## Severe Weather Outlook

## Excessive Rainfall Outlook



Graphic Created  
April 9th, 2019  
AM CDT

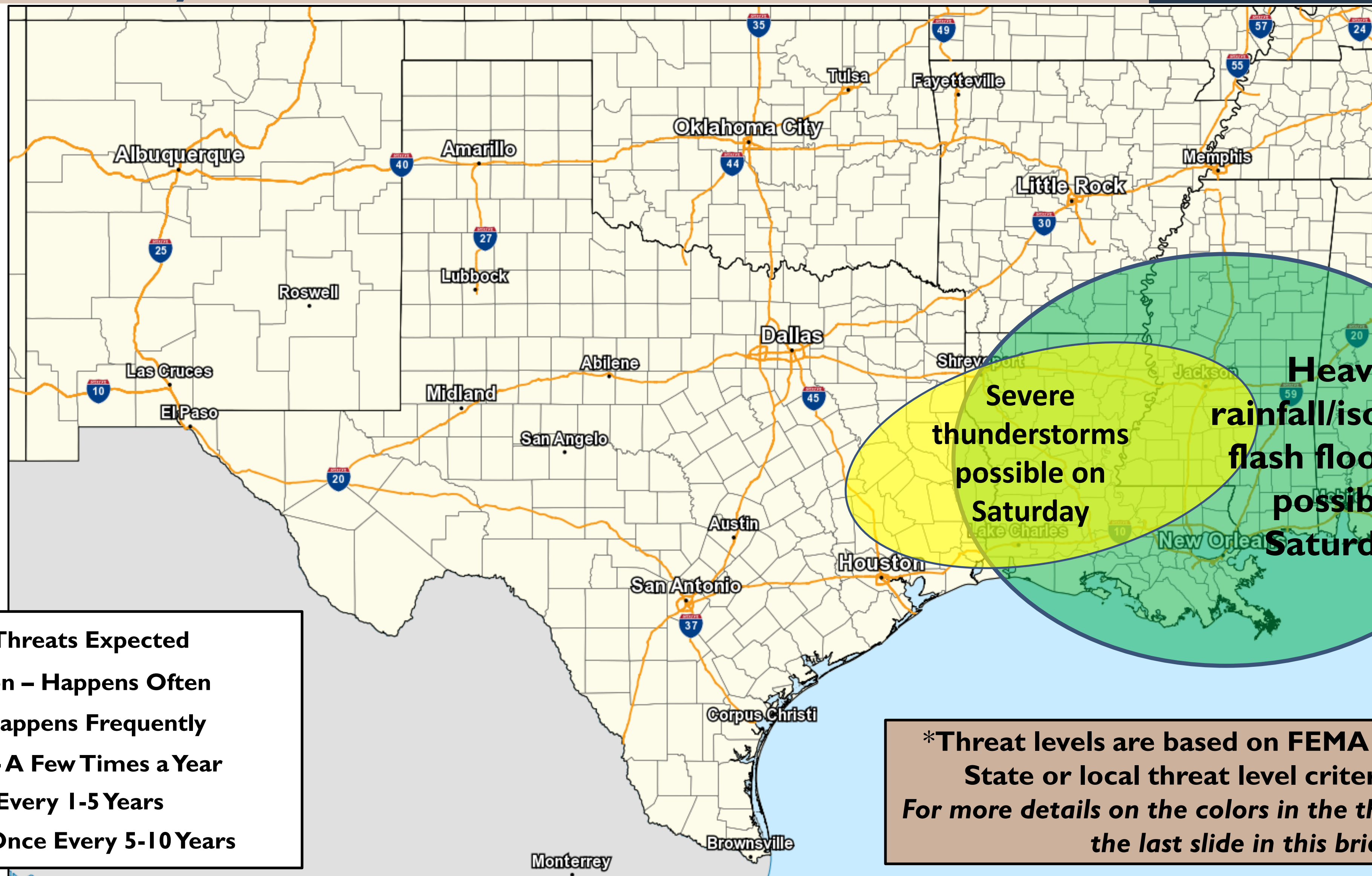


# Days 4-5 Weather Hazards

Friday – Saturday



SR ROC  
REGIONAL OPERATIONS CENTER



- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\*  
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

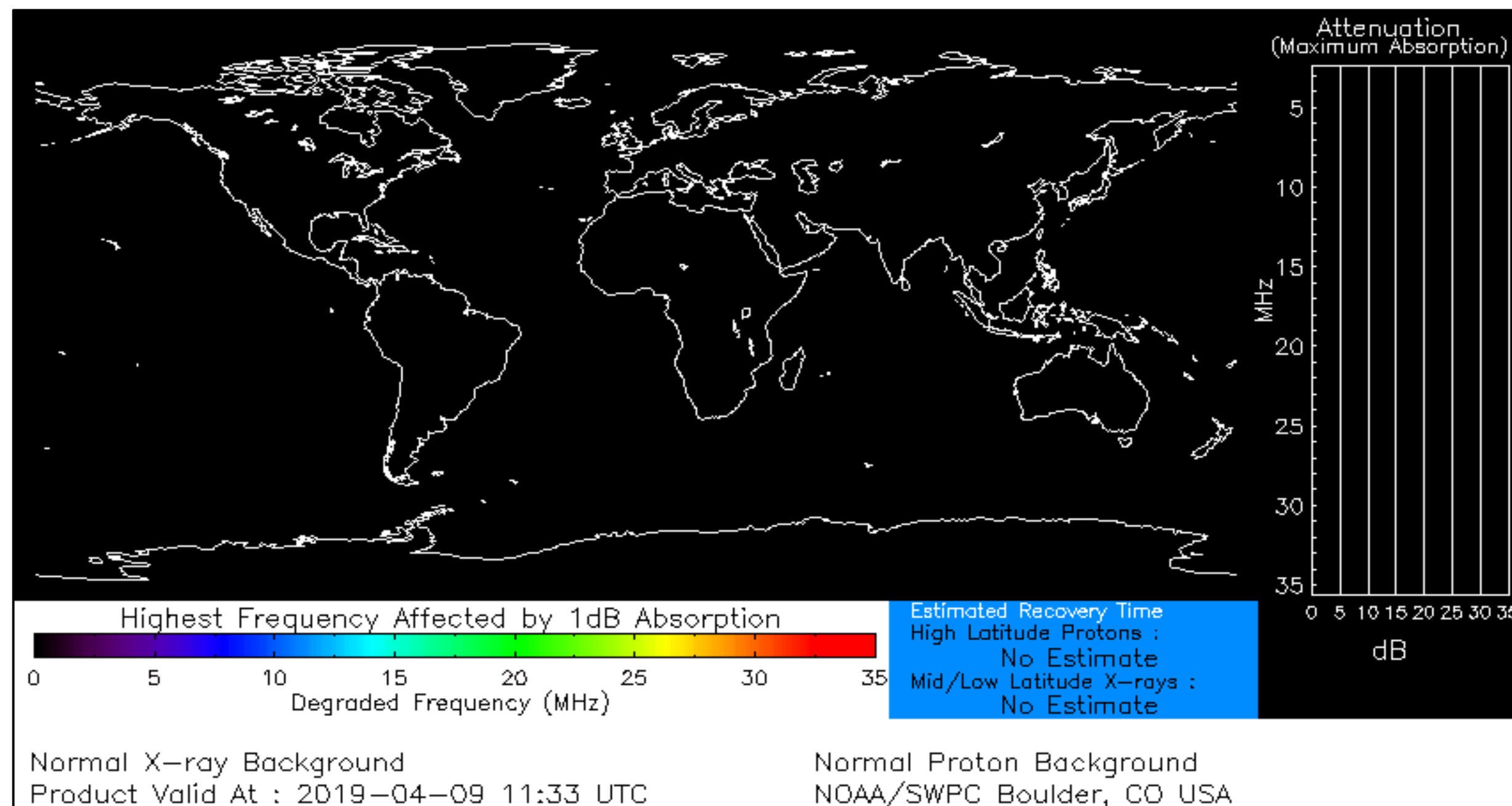


# Space Weather 3-Day Forecast



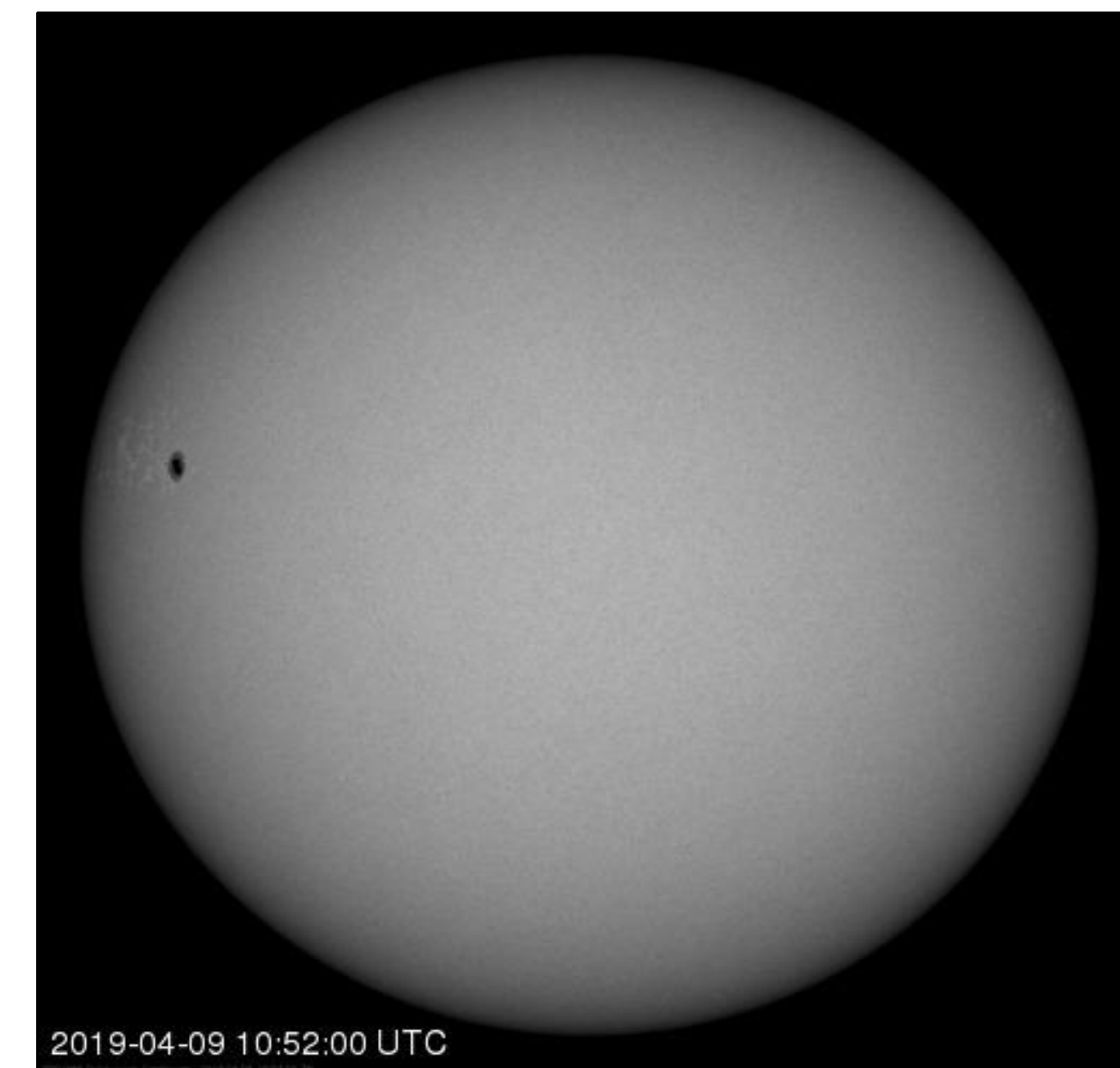
**SR ROC**  
REGIONAL OPERATIONS CENTER

	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Unsettled (Max Kp = 3)	Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)







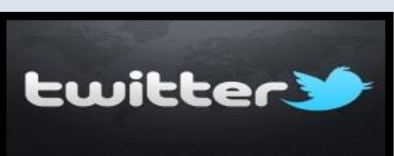
**For more information, please contact:**

**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

**Phone: (682) 703-3747**

**E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**

**Web: <http://www.weather.gov/srh>**





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**